

Sub B1  
23. A method of providing a mailbox answerphone service to a caller in a mobile communications system during a call directed to a directory number used commonly by different subscribers to access their mailboxes, comprising:

providing an identification code identifying a mailbox associated with a subscriber through an identification code through an answerphone service; and

entering either a first mode of answerphone operation or a second, different, mode of answerphone operation in dependence on information received during call establishment indicating whether the call is of international origin.

24. The method according to Claim 23, further comprising in said first mode of operation, if the call is not diverted, providing a message retrieval service, and if the call is diverted, providing a message deposit service.

25. The method according to Claim 24, further comprising determining whether the call is diverted using information received during call establishment.

26. The method according to Claim 23, further comprising providing in said second mode of operation either a message deposit service or a message retrieve service in dependence of a receipt of a selection indicator from said caller during the call.

27. The method according to Claim 26, further comprising in said second mode prompting said caller, after inputting said identification code during the call, for a voice message to be received and stored, and providing said message retrieve service if said indicator is received from said user.

28. The method according to Claim 26, wherein said indicator comprises a DTMF tone.

29. The method according to Claim 23, further comprising prompting said caller for said identification code if said identification code is otherwise not associated with the call when received.

30. The method according to Claim 23, wherein said identification code corresponds to a directory number of said subscriber.

31. The method according to Claim 23, further comprising identifying a call of international origin through an international origin indicator in signaling associated with the call.

32. The method according to Claim 23, further comprising:

associating the call with a divert flag, a calling line identity (CLI) signal, and an international origin indicator;

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setting said divert flag if the call is diverted from a mobile station to said apparatus and said mobile station is located within a coverage area of said mobile communications system;

associating said CLI signal with the call if the call originates or is diverted from a mobile station within said coverage area and said mobile station is preset to transmit said CLI signal; and

associating said international origin indicator with the call if the call originates or is diverted from a mobile station and said mobile station is used at a location causing said international origin indicator to be sent to said mobile communications system during call establishment.

33. The method according to Claim 32, further comprising providing a message deposit service to said caller if said divert flag is set, and prompting in said message deposit service said caller for a voice message to be received and stored.

34. The method according to Claim 32, further comprising providing a message retrieve service to said caller if said divert flag is not set and said CLI is associated with the call, or said divert flag is not set, said CLI signal is not associated with the call, and identification code is received from said caller during the call, and in said retrieve service a stored voice message is retrieved and provided to said caller.

35. A method of providing a mailbox answerphone service to a caller in a mobile communications system during a call directed to a directory number used commonly by different subscribers to access their mailboxes, comprising:

Identifying, through an answerphone service, a mailbox associated with a subscriber identification code; and

automatically entering either a first mode of answerphone operation if the call is of national origin or a second, different mode of answerphone operation if the call is of international origin.

36. The method according to Claim 35, further comprising deriving the origin of the call using information received during call establishment.

37. The method according to Claim 35, further comprising using said common directory number by all subscribers to access said answerphone service.

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38. A method of providing a mailbox answerphone service to a caller in a mobile communications system, wherein said answerphone service identifies a mailbox associated with a subscriber by way of an identification code, said method comprising:

receiving a call from a mobile handset, the call being directed to a directory number used commonly by different subscribers to access their mailboxes;

allowing said caller to input a selection indicator during the call; and

(a) if said indicator is not received, detecting a first identification code associated with said mobile handset from information received during call establishment and providing a message retrieve service to allow the caller to retrieve messages from the mailbox associated with said first identification code; or

(b) if said indicator is received, allowing the user to input a second identification code and providing a message retrieve service to allow the caller to retrieve messages from the mailbox associated with said second identification code.

39. The method according to Claim 38, wherein each of said identification codes corresponds to a directory number of a different subscriber.

40. The method according to Claim 38, further comprising prompting said caller for a security code associated with the mailbox being accessed.

41. The method according to Claim 38, wherein said indicator comprises a DTMF tone code.

42. A voice processing system for a mobile communications system, adapted to identify a mailbox associated with a subscriber by way of an identification code processed through an answerphone service, to enter either a first mode of answerphone operation or a second, different, mode of answerphone operation in dependence on information received during call establishment indicating whether the call is of international origin.

43. An apparatus for use in a mobile communications system, said apparatus being adapted to store messages for subsequent retrieval by a subscriber of the mobile communications system wherein said apparatus is adapted to identify a first subscriber making a call to retrieve a message by means of an identification signal automatically forwarded to said apparatus during call establishment, said signal identifying the equipment being used by said subscriber, and wherein said apparatus is further adapted to identify a second subscriber, on receipt of a request